AUTODOC CLUB

# How to change spark plugs on **Ford Fiesta V JH JD** – replacement guide

## VIDEO TUTORIAL



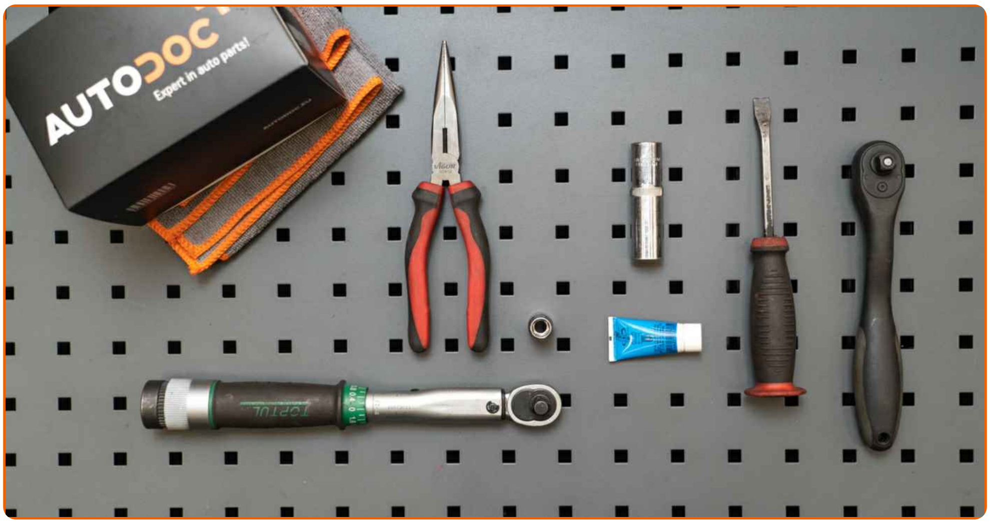

### Important!

This replacement procedure can be used for:
FORD Escort V Hatchback (AAL, ABL) 1.8 16V XR3i, FORD ORION III (GAL) 1.6 i 16V, FORD ORION III (GAL) 1.8 i 16V, FORD MONDEO I (GBP) 1.6 i 16V, FORD MONDEO I Saloon (GBP) 1.6 i 16V, FORD MONDEO I (GBP) 1.8 i 16V, FORD MONDEO I Saloon (GBP) 1.8 i 16V, FORD MONDEO I (GBP) 2.0 i 16V, FORD MONDEO I Saloon (GBP) 2.0 i 16V, FORD Escort V Hatchback (GAL) 1.6 i 16V, FORD Escort V Estate (ANL) 1.8 16V, FORD ESCORT V Convertible (ALL) 1.8 16V XR3i, FORD MONDEO I Estate (BNP) 1.6 i 16V, FORD MONDEO I Estate (BNP) 1.8 i 16V, FORD MONDEO I Estate (BNP) 2.0 i 16V, (+ 66)

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The steps may slightly vary depending on the car design.

## REPLACEMENT: SPARK PLUGS – FORD FIESTA V JH JD. TOOLS YOU MIGHT NEED:




- High-temperature anti-seize lubricant
- Drive socket # 10
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Round-nose pliers
- Clic-R collar pliers
- Microfibre towel
- Fender cover

BUY TOOLS

Replacement: spark plugs – Ford Fiesta V JH JD. Tip from AUTODOC:

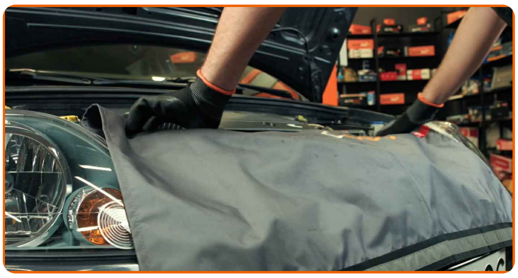
- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

## REPLACEMENT: SPARK PLUGS – FORD FIESTA V JH JD. TAKE THE FOLLOWING STEPS:

**1** Open the bonnet.



**2** Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



**3** Disconnect the air intake pipe from the air filter housing.



**4** Detach the air intake hose clamp. Use clic-R collar pliers.



**5** Remove the air intake pipe.




**6** Unscrew the filter housing fastening bolts. Use a drive socket #10. Use a ratchet wrench.



**7** Detach the crankcase ventilation hose from the engine cover at the left.

**8** Remove the air filter housing.



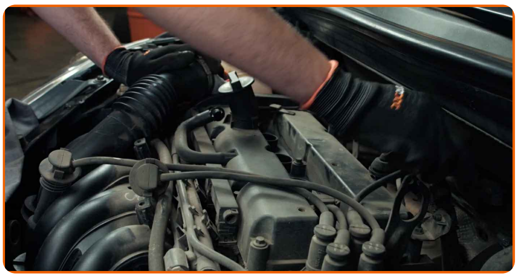
## Please note!

- The air filter housing is integrated into the engine cover.

**9** Cover the air intake hose with a microfibre towel to prevent dust and dirt from getting into the system.



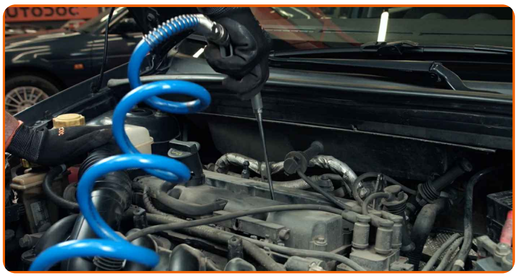
**10** Remove the spark plug wire connectors from the spark plug wells. Use round-nose pliers.



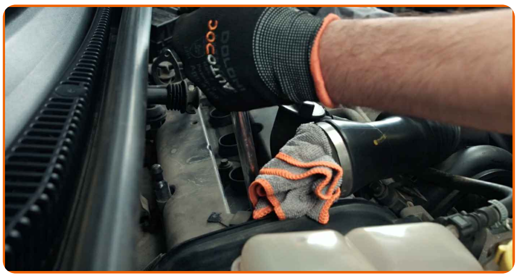
## Replacement: spark plugs – Ford Fiesta V JH JD. Professionals recommend:

- Be careful to avoid damaging spark plug wires.
- Remember the sequence of the spark plug wires connectors.

**11** Clean dirt, dust and debris from inside the spark plug wells.



**12** Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.



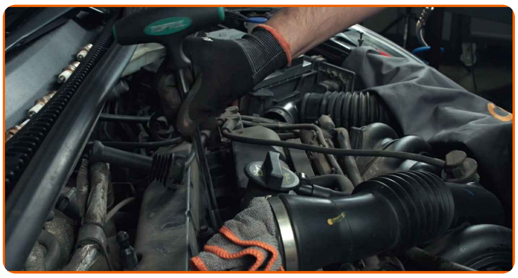
**13** Take out the spark plugs.



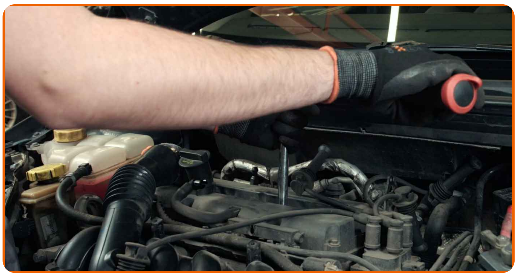
**14** Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



**15** Install the new spark plugs into their mounting seats.



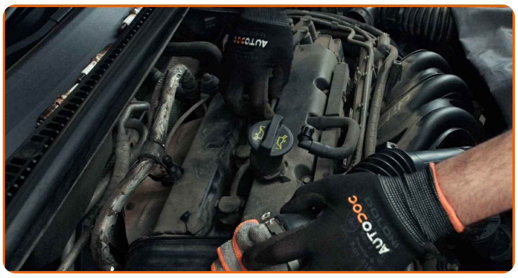
**16** Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 15 nm torque.



## Replacement: spark plugs – Ford Fiesta V JH JD. AUTODOC recommends:

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

**17** Install the spark plug wire connectors into the spark plug wells. Make sure you hear a click indicating that it is locked in place.

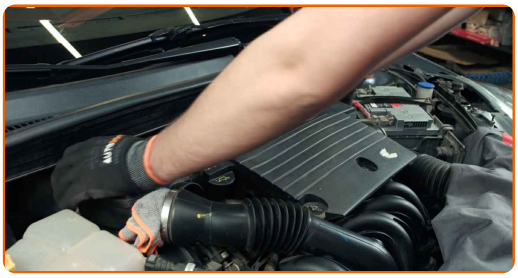


## AUTODOC recommends:

- Replacement: spark plugs – Ford Fiesta V JH JD. Follow the installation steps.

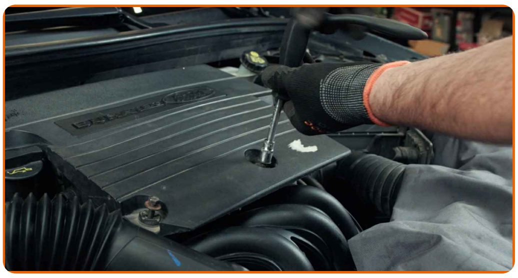
18

Reinstall the air filter housing.



19

Screw the filter housing fastening bolts. Use a drive socket #10. Use a ratchet wrench.



20

Attach the crankcase ventilation hose to the engine cover at the left.



21

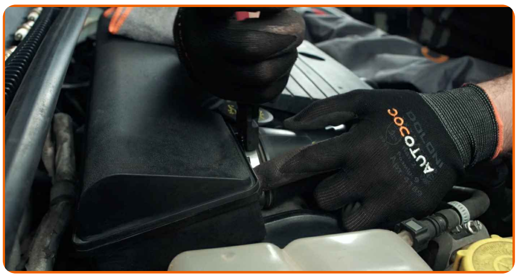
Remove the microfibre towel from the air intake hose.



**22** Install the air intake pipe and secure it.




**23** Fasten the clamp on the air intake hose. Use clic-R collar pliers.



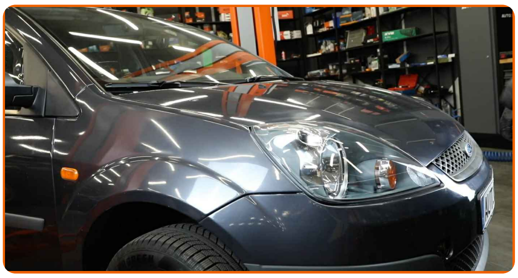

**24** Connect the air intake pipe to the air filter housing.




**25** Remove the fender protection cover.



**26** Close the hood.



**27** Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

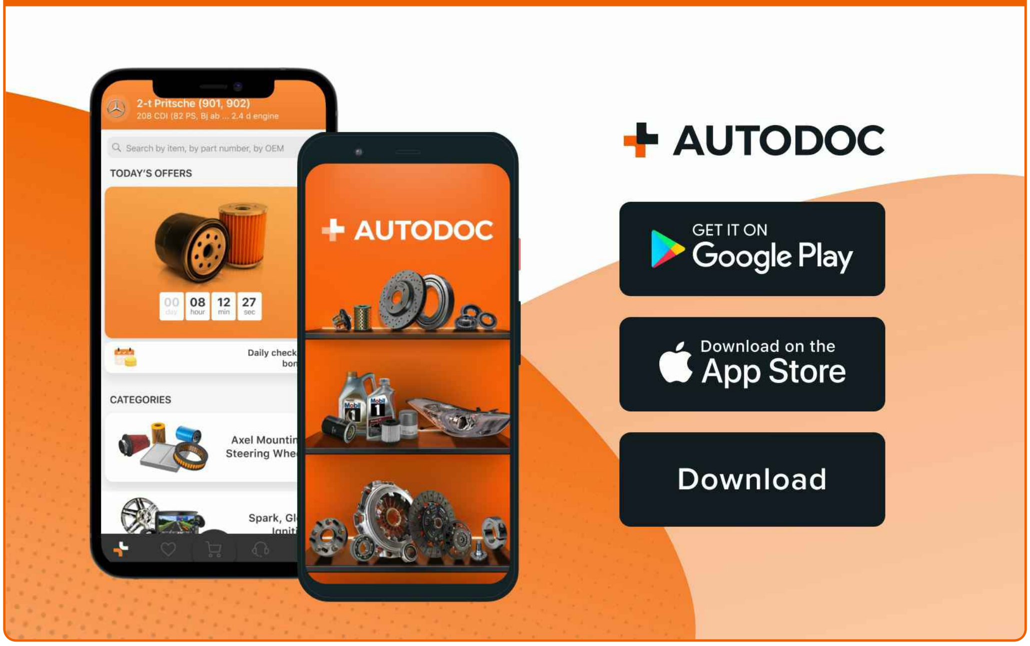
**28** Shut off the engine.

## WELL DONE!

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